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916-861-0400 TEL
916-861-0430 FAX

July 25, 2005

Mr. Mark Verhey
Humboldt County Department of Public Health
100 H Street
Eureka, California 95501

RE: **Quarterly Status and Remediation Summary Report – Second Quarter 2005**
SECOR Project No.: 77CP.60009.01.1106

Dear Mr. Verhey:

On behalf of ConocoPhillips, SECOR International Incorporated is forwarding the quarterly summary report for the following location:

<u>Service Station</u>	<u>Location</u>
Former 76 Service Station No. 01106 LOP # 12698	1693 Central Avenue, McKinleyville, California

If you have questions or comments regarding this quarterly summary report, please do not hesitate to contact me at (916) 861-0400.

Sincerely,
SECOR International Incorporated

Sarah Younce for

Thomas M. Potter
Project Scientist

Attachment: SECOR's *Quarterly Status and Remediation Summary Report – Second Quarter 2005*

cc: Mr. Thomas Kosel, ConocoPhillips

Mr. Mark Verhey
July 25, 2005
Page 2

**QUARTERLY STATUS AND REMEDIATION REPORT
SECOND QUARTER 2005**

Former 76 Station No. 01106
LOP #12698
1693 Central Avenue
McKinleyville, California

City/County ID #: McKinleyville

County: Humboldt

SITE DESCRIPTION

The subject site is located on the corner of Central Avenue and Sutter Road in McKinleyville, California. The site was previously an operating retail service station. Currently, a retail drive up espresso kiosk is located at the site.

PREVIOUS ASSESSMENT

In 1999, Tosco Marketing Company (now ConocoPhillips) removed three 10,000-gallon gasoline underground storage tanks (USTs) and associated piping and dispensers. Results of laboratory analyses of samples collected during the work indicated that hydrocarbons were present in soil and groundwater beneath the site.

In February 2000, at the request of Tosco, Environmental Resolutions Inc. (ERI) performed a soil and groundwater investigation including the installation of four on-site groundwater monitoring wells (MW-1 through MW-4) and one on-site boring. Results of laboratory analyses of soil samples collected during the investigation indicated that hydrocarbon concentrations in soil were not detected and therefore were delineated. The results of laboratory analyses of groundwater samples indicated that dissolved hydrocarbons were present in groundwater and were not delineated.

In October 2000, ERI installed one on-site and four off-site groundwater monitoring wells (MW-5 through MW-9).

In February 2003, ERI submitted a corrective Action Plan (CAP) recommending the installation of an ozone microsparge system.

In May 2003, sparge wells AS-1 through AS-7 were installed at the site.

In October 2003, a remedial system design utilizing ozone microsparging was prepared.

Mr. Mark Verhey
July 25, 2005
Page 3

In January 2004, an ozone injection system was installed at the site by Miller Brooks Environmental, Inc., with SECOR performing operations and maintenance activities. The ozone injection system consists of a panel mounted KVA C-Sparge™ System that produces 4 grams per hour (0.009 pounds per hour) of ozone. The system injects to seven ozone sparge wells (AS-1 through AS-7).

SENSITIVE RECEPTORS

In October 2000, ERI performed an underground utility survey, and performed a door-to-door groundwater receptor survey within a 1,100-foot radius of the site. The door-to-door groundwater receptor survey revealed seven potential groundwater receptors, all of which are water supply wells. Four of these wells were reported as inactive, one well was reported as active, and the status of the remaining two wells is unknown. Detailed well information such as well use, total depth, and perforated screen interval was not available. The closest active well to the site located by ERI is approximately 1,100 feet southwest (crossgradient) of the site. The door-to-door groundwater receptor survey did not reveal any basements with groundwater sumps, surface water bodies, or other potential groundwater receptors.

MONITORING AND SAMPLING

The site has been monitored and sampled since third quarter 2000. Between third quarter 2000 and the present, monitoring and sampling has been conducted quarterly. Currently, seven wells (MW-1 through MW-3 and MW-5 through MW-7 and MW-9) are sampled quarterly. MW-4 and MW-8 are sampled semiannually. Samples are analyzed for total petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Additionally, samples are analyzed for nitrate, sulfate, carbon dioxide, and ferrous iron, methane, alkalinity, manganese, biochemical oxygen demand, and chemical oxygen demand. Results are discussed below and are summarized in TRC's *Quarterly Monitoring Report, April through June 2005* dated June 3, 2005, which is included in Attachment 1.

DISCUSSION

During the second quarter 2005, depth to groundwater ranged between 4.02 and 8.90 feet bgs, which was in the range of historical levels. The current direction of groundwater flow is toward the northwest at a gradient of 0.02 ft/ft.

Evaluation of dissolved concentrations through the second quarter 2005 indicates that the highest concentrations of residual petroleum hydrocarbons and MtBE continue to be detected in on-site well MW-2. During second quarter 2005, TPHg and MtBE were detected at maximum concentrations of 110 µg/L and 26 µg/L, respectively, in the groundwater sample collected from MW-2. Concentrations of TPHg and MtBE have

Mr. Mark Verhey
July 25, 2005
Page 4

fluctuated within historical levels over the short term but have generally decreased over time. The dissolved plume remains defined by the existing monitoring well network.

The existing OS well network appears to be successfully remediating hydrocarbons dissolved in the groundwater downgradient of the former USTs. Remaining TPHg, benzene, and MtBE continue to be present in groundwater at MW-2 at concentrations greater than water quality requirements. SECOR will continue to operate and evaluate the effectiveness of the OS system during the third quarter 2005.

CHARACTERIZATION STATUS

Contamination in soil and groundwater has been adequately delineated.

REMEDIAL PERFORMANCE SUMMARY

Ozone Injection Operation

The ozone injection system consists of a wall mounted KVA C-Sparge™ System, model 5020, that produces up to 4 grams per hour (0.009 pounds per hour) of ozone. The system is programmed to inject to each well for ten minutes, cycling eighteen times per day resulting in 87.5 percent operation. During the current quarter (March 21, 2005 to June 17, 2005), the ozone injection system was operational for 3 percent of the programmed runtime, resulting in 60 hours of operation and approximately 0.5 pounds of ozone injection. On April 17, May 5, May 16, May 20 and June 17, 2005, the system was found to be non-operational due to a tripped 16 amp breaker. The breaker was reset and the system was restarted each time. It has been determined that the breaker trips because the piston pulls excessive amperage upon compressor startup. The manufacturer, Kerfoot Technologies, has been consulted and they have recommended installation of a time delay fuse, which they will supply. The time delay fuse will be installed during the 3rd quarter. Cumulatively, the ozone injection system has operated for 5,203 hours and has injected a total of approximately 46.8 pounds of ozone into the subsurface. Table 1 presents the operating data for the ozone injection system and includes operating hours and pressure readings. Field data sheets are included as Attachment 2.

Monthly Groundwater Sampling

Monthly groundwater samples are collected from monitoring wells MW-2 and MW-4 and analyzed for TPHg, BTEX, and MtBE. Results of the monthly groundwater sampling events are summarized in Table 2. In addition to the monthly groundwater samples collected for laboratory analysis, oxidation reduction potential (ORP) and dissolved oxygen (DO) measurements are also collected monthly. The ORP and DO data are also included in Table 2. A site plan is included as Figure 1 and concentration versus time graphs for dissolved TPHg, benzene, and MtBE in monitoring wells MW-2 and MW-4 are provided as Figure 2 and Figure 3, respectively. Certified laboratory analytical reports and chain-of-custody documentation for the groundwater monitoring events conducted during the current quarter are provided in Attachment 3.

Mr. Mark Verhey
July 25, 2005
Page 5

WASTE DISPOSAL

The volume of purged groundwater generated and disposed of during the quarterly groundwater monitoring event is documented in TRC's *Quarterly Monitoring Report, April through June 2005* dated June 3, 2005 (Attachment 1).

RECENT SUBMITTALS/CORRESPONDENCE

Submitted – *Quarterly Status and Remediation Summary Report – First Quarter 2005*, dated April 14, 2005.

THIS QUARTER ACTIVITIES (Second Quarter 2005)

1. TRC performed quarterly groundwater monitoring and sampling.
2. SECOR performed operation and maintenance of the ozone system.
3. SECOR prepared and submitted quarterly summary report and quarterly remedial performance summary.

NEXT QUARTER ACTIVITIES (Third Quarter 2005)

1. TRC will conduct quarterly groundwater monitoring and sampling.
2. SECOR will continue operation and maintenance of the ozone system.
3. SECOR will prepare and submit quarterly summary report and quarterly remedial performance summary.

LIMITATIONS

This report presents our understanding of existing conditions at the subject site. The conclusions contained herein are based on the analytical results, and professional judgment in accordance with current standards of professional practice; no other warranty is expressed or implied. SECOR assumes no responsibility for exploratory borings or data reported by other consultants or contractors.

Sincerely,
SECOR International Incorporated


Rusty Benkosky, P.E.
Principal Engineer



SECOR

Mr. Mark Verhey
July 25, 2005
Page 6

Attachments:

Table 1 – Ozone System Operation Data

Table 2 – Ozone Injection System Groundwater Monitoring Data

Figure 1 – Site Plan

Figure 2 – MW-2 TPHg, Benzene and MtBE Groundwater Concentrations

Figure 3 – MW-4 TPHg, Benzene and MtBE Groundwater Concentrations

Attachment 1 – TRC's *Quarterly Monitoring Report – April through June 2005*, dated June 3, 2005

Attachment 2 – Remediation System Field Data Sheets

Attachment 3 – Certified Laboratory Analytical Reports and Chain-of-Custody Documentation

TABLES

Table 1
Ozone Injection System Operating Data
Circle K Store No. 01106
1603 Central Avenue, McKittrick, California

Date	Notes	System Status (On/Off)		Hours/Min	Running	Pump	Cumulative Online Factor	Ozone Factor	Pressure (psl)	AS-4	AS-5	AS-6	AS-7						
		Actual	Demand																
1/17/2004		Off	Off	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1/12/2004		Off	On	67	NA	NA	NA	NA	38	33	35	34	32	36	32	31	31	31	
1/23/2004		On	On	207	0.76	0.76	0.76	0.76	37	35	37	34	32	36	32	31	31	31	
1/30/2004	a	On	On	233.09	0.22	0.55	0.55	0.55	39	37	36	38	33	33	32	31	31	31	
2/4/2004		On	On	316.00	0.89	0.84	0.84	0.84	37	34	33	35	35	33	33	31	31	31	
2/7/2004	b	Off	On	409.24	0.24	0.44	0.44	0.44	-	-	-	-	-	-	-	-	-	-	
2/25/2004	b	Off	On	754.83	0.76	0.56	0.56	0.56	-	-	-	-	-	-	-	-	-	-	
4/28/2004	b	On	On	1,247.43	0.86	0.65	0.65	0.65	-	-	-	-	-	-	-	-	-	-	
6/17/2004	c	On	On	1,812.92	0.09	0.74	0.74	0.74	-	-	-	-	-	-	-	-	-	-	
6/23/2004	ab	Off	On	1,863.13	0.41	0.69	0.69	0.69	-	-	-	-	-	-	-	-	-	-	
7/22/2004	d	On	On	2,446.77	0.89	0.74	0.74	0.74	35	34	30	34	32	31	31	29	29	29	
8/25/2004		On	On	2,847.00	0.35	0.68	0.68	0.68	33	32	26	33	32	32	32	29	29	29	
9/22/2004	o	Off	On	3,164.99	0.95	0.71	0.71	0.71	37	34	32	34	33	32	32	29	29	29	
10/20/2004	a	Off	On	3,464.57	0.77	0.72	0.72	0.72	39	34	31	35	33	32	32	29	29	29	
11/17/2004		On	On	3,833.81	1.02	0.74	0.74	0.74	39	37	33	36	35	33	33	31	31	31	
12/16/2004	a	Off	On	4,258.42	0.88	0.74	0.74	0.74	37	38	32	39	35	32	32	30	30	30	
1/12/2005	f	Off	Off	4,508.00	0.56	0.72	0.72	0.72	-	-	-	-	-	-	-	-	-	-	
2/25/2005	l	Off	Off	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3/4/2005	n,l	Off	Off	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2/18/2005	l	Off	On	4,508.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2/21/2005	k	Off	On	4,568.00	0.13	0.66	0.66	0.66	36	34	32	34	32	31	31	30	30	30	
3/21/2005	k	Off	On	6,142.91	0.93	0.70	0.70	0.70	40	35	34	38	35	33	32	32	32	32	
4/17/2005	l	Off	On	5,161.17	0.09	0.08	0.08	0.08	25	24	20	22	21	24	24	20	20	20	
5/5/2005	l,m	Off	On	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5/16/2005	l,m	Off	On	5,203.26	0.02	0.62	0.62	0.62	32	30	30	32	32	30	30	29	29	29	
5/20/2005	l,m,n	Off	On	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6/17/2005	l,m	Off	On	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Reporting Period: Third Quarter 2004 (6/24/2004 to 9/23/2004)

Total Hours Operational: 5,203

Total Pounds Ozone Injected: 46,8

Period Hours Operational: 69

Period Percent Operational: 3%

Period Pounds Ozone Injected: 0.5

Pounds per Unit:

Pound per square inch

- Data not available

Not applicable

Note:

Cycle runs 18 times a day for a total of 1,260 minutes per day, or 87.5% utilization.

a System down due to tripped ozone sensor.

b Bad pressure gauge.

c Key system check visit.

d Ashcroft Pressure Gauge installed in spare cabinet.

e System down due to bad GFI switch. Replaced and reinstalled.

f System down due to faulty wire.

g Site visit to repair faulty wire.

h Site visit to repair tank at compressor outlet. SP-5 solenoid, and SP-7 solenoid and re-program system

i System reprogrammed to run 10 min. cycles for each well with 18 cycles a day for a total of 1260 min. a day.

j System restarted.

k Piston and cylinder replaced and system restarted.

l System down due to tripped breaker. System restarted.

m SHM field data.

n Pulsed #8 solenoid with unthreaded fitting. Check for leaks, nano, lott system on

Table 2
Ozone Injection System Groundwater Monitoring Data
 Circle K Store No. 01106
 1693 Central Avenue, McKinleyville, California

Date	Notes	Monitoring Well: MW-2						Monitoring Well: MW-4								
		ORP (mV)	DO (mg/l)	TPHg (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (total) (ug/l)	MIBE (ug/l)	ORP (mV)	DO (mg/l)	TPHg (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (total) (ug/l)
4/28/2004		228	NS	180	38	14	2.1	16	57	NS	NS	NS	NS	NS	NS	NS
5/26/2004		181	NS	640	130	50	9.1	54	180	154	NS	<50	<0.50	<0.50	<1.0	<0.50
6/23/2004		180	NS	1,000	45	12	5.2	11	860	133	NS	<50	<0.50	<0.50	<1.0	<0.50
7/21/2004		205	4.33	<500	<5.0	<5.0	<5.0	<10	560	232	2.94	<50	<0.50	<0.50	<1.0	<0.50
8/25/2004	a	179	NS	450	3.5	<2.5	<2.5	<5.0	590	202	NS	<50	<0.50	<0.50	<1.0	<0.50
9/22/2004	a	163	4.50	120	<0.50	<0.50	<0.50	<1.0	160	180	2.75	<50	<0.50	<0.50	<1.0	<0.50
10/20/2004	b	126	0.56	73	<0.50	<0.50	<0.50	<1.0	82	180	1.98	<50	<0.50	<0.50	<1.0	<0.50
11/17/2004		62	5.87	<50	<0.50	<0.50	<0.50	<1.0	28	119	1.93	<50	<0.50	<0.50	<1.0	5.1
12/16/2004		152	2.36	<100	<1.0	<1.0	<1.0	<2.0	290	173	1.93	<50	<0.50	<0.50	<1.0	<0.50
1/12/2005		151	6.36	150	3.6	3.1	1.8	5.1	58	160	2.17	<50	<0.50	<0.50	<1.0	<0.50
2/21/2005		90	3.80	880	220	88	11	100	460	99	2.97	<50	<0.50	<0.50	<1.0	<0.50
3/21/2005		46	5.16	500	31	6.9	<0.50	14	680	-15	4.08	<50	<0.50	<0.50	<1.0	<0.50
4/17/2005	d	60	6.70	390	88	16	2.3	24	80	13	5.34	<50	<0.50	<0.50	<1.0	<0.50
5/16/2005		143	5.91	4,100	830	140	36	260	1,000	135	4.90	<50	<0.50	<0.50	<1.0	<0.50
6/17/2005		239	2.81	13,000	1,600	1,200	250	1,100	1,800	244	4.56	<50	<50	<0.50	<1.0	<0.50

Definitions:

TPHg Total petroleum hydrocarbons as gasoline
 MIBE Methyl tert-butyl ether
 ug/l Micrograms per liter
 mg/l Milligrams per liter
 mV Millivolts
 NS Not Sampled

Notes:

MW-2 Sample contains discrete peak in gasoline range.

a MW-2 TPHg concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

b Data not available at time of reporting.

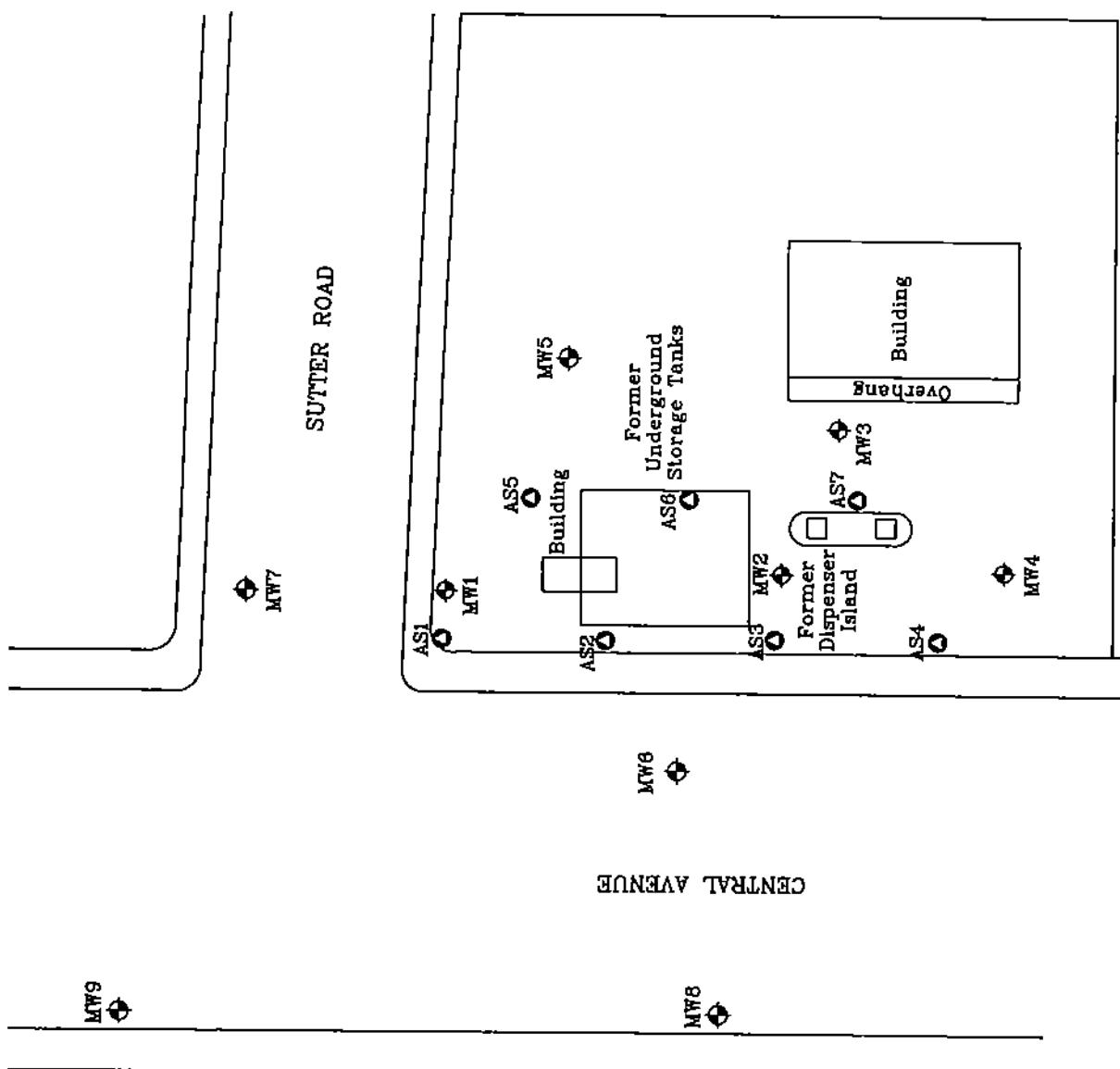
c MW-4: MS/MSD spike recoveries were above acceptance limits.

SECOR

FIGURES

LEGEND:

- MW1 GROUNDWATER MONITORING WELL
- AS5 AIR SPARGE WELL



0 60 120
FEET
APPROXIMATE SCALE

REFERENCE: THIS FIGURE IS BASED ON A MAP
PROVIDED BY ERI INC.

FIGURE 1
SITE PLAN

DRAWN BY: <u>DWR</u>	PREPARED BY: 	PREPARED FOR: <u>FORMER 76</u>
CHECKED: <u>AG</u>		(CIRCLE K) STORE 01106
APPROVED: <u>RB</u>		
DATE: <u>7/19/04</u>		
JOB NO.: <u>77CP-80004-01-1106</u>		
CAD FILE: <u>M:ACAD</u>		

1693 CENTRAL AVENUE
MCKINLEYVILLE, CALIFORNIA

Figure 2
MW-2 TPHg, Benzene, and MtBE Groundwater Concentrations
 Circle K Store No. 01106
 1693 Central Avenue, McKinleyville, California

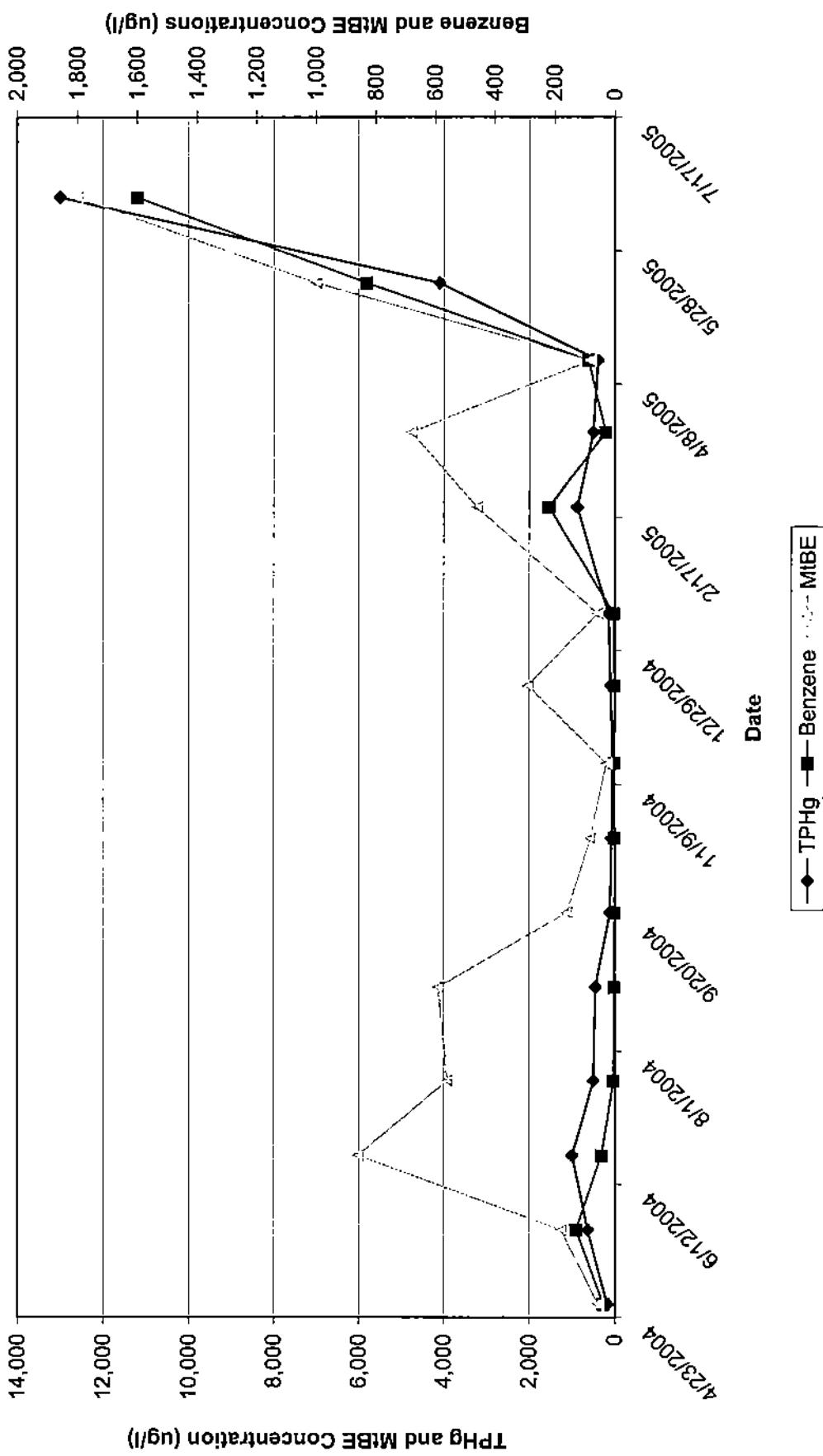
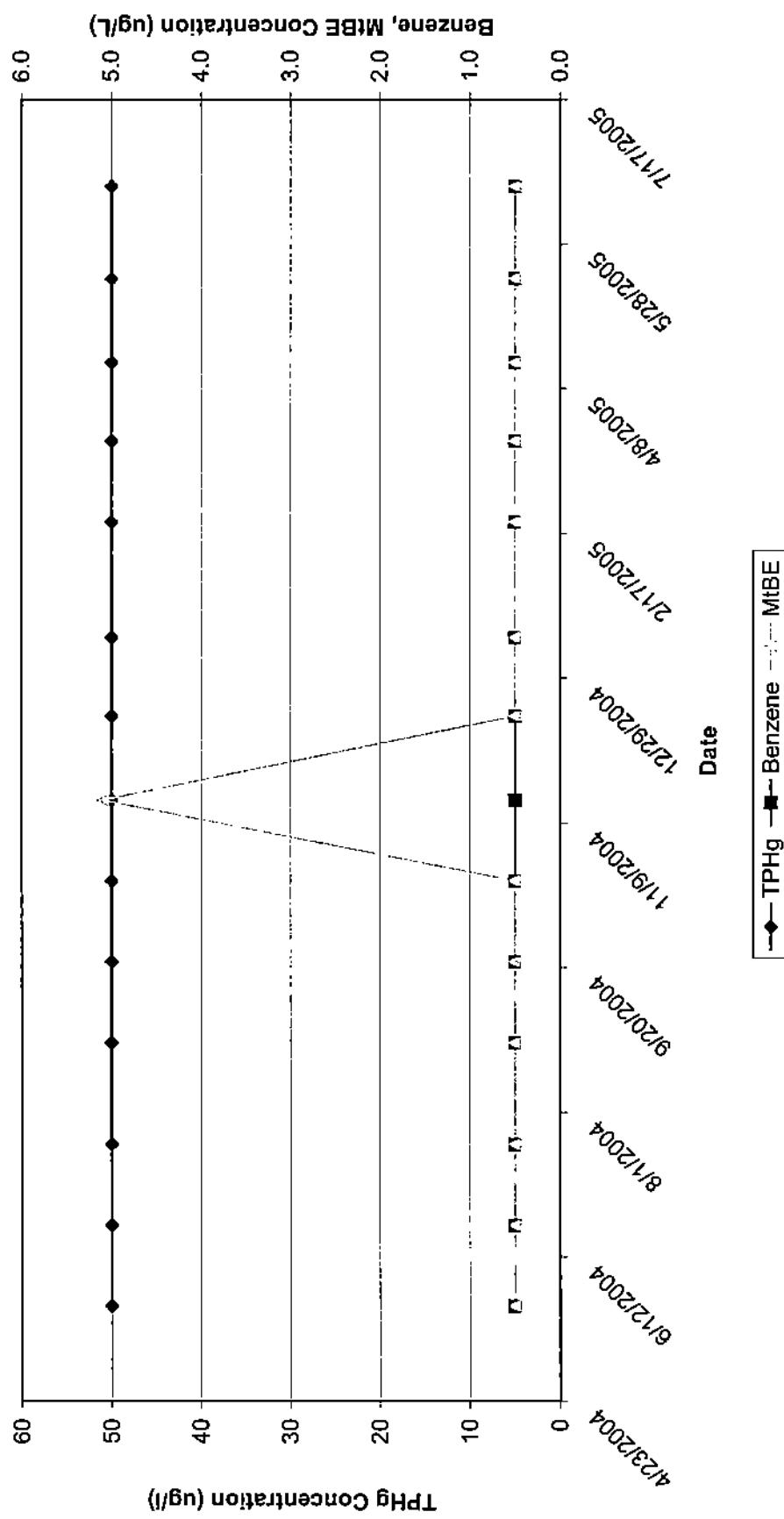


Figure 3
MW-4 TPHg, Benzene, and MtBE Groundwater Concentrations
 Circle K Store No. 01106
 1693 Central Avenue, McKinleyville, California



**ATTACHMENT 1
TRC'S QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2005**

Second Quarter 2005 Quarterly Summary and
Remediation Status Report
Former 76 Station No. 1106
1693 Central Avenue
McKinleyville, California
SECOR Project No.: 77CP.60009.01.1106

SEE TRC

2Q05 QMR

ATTACHMENT 2
REMEDIATION SYSTEM FIELD DATA SHEETS
Second Quarter 2005 Quarterly Summary and
Remediation Status Report
Former 76 Station No. 1106
1693 Central Avenue
McKinleyville, California
SECOR Project No.: 77CP.60009.01.1106

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

Requested By: Kimber Collins
Lab: STL

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

ConocoPhillips Site # 1106

Requires

Lab: STL

System Maintenance	Frequency	Date Performed
Check Integrity of All Hoses, Fittings, Piping, Valves	Monthly ✓	
Measure Blower Running Amperage	Monthly 9.9	
Inspect electrical fittings and tighten as needed	Monthly ✓	
Gross particle filter-visualy inspect	Monthly ✓	
Gross particle filter-replace as necessary	As-Needed ✓	
Check controller operation	Monthly ✓	
Adjust controller program	As-Needed ✓	
Check flow and pressure on assemblies (system and wells)	Monthly ✓	
Take ozone readings at compound and well boxes	Monthly ✓	
Check wellhead connections	Monthly ✓	
Check/test all safety override systems	Monthly ✓	
Sparge blower-repair as necessary	As-Needed ✓	
Sparge blower-replace as necessary	As-Needed ✓	

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

Requested By: Kimber Collins
Lab: STL

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

Requested By: Kimber Collins
Lab: STL

System Maintenance	Frequency	Date Performed
Check Integrity of All Hoses, Fittings, Piping, Valves	Monthly	5/4/25
Measure Blower Running Amperage	Monthly	01 April
Inspect electrical fittings and tighten as needed	Monthly	
Gross particle filter-visually inspect	Monthly	
Gross particle filter-replace as necessary	As-Needed	
Check controller operation	Monthly	
Adjust controller program	As-Needed	
Check flow and pressure on assemblies (system and wells)	Monthly	
Take ozone readings at compound and well boxes	Monthly	
Check wellhead connections	Monthly	
Check/test all safety override systems	Monthly	
Sparge blower-repair as necessary	As-Needed	
Sparge blower-replace as necessary	As-Needed	

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

Requested By: Kimber Collins
Lab: STL

Field Data Sheet
Ozone Sparge System

CanocoPhillips Site # 1106
1693 Central Ave.
McKinleyville, California

Requested By: Kimber Collins
Lab: STL

System Maintenance	Frequency	Date Performed
Check Integrity of All Hoses, Fittings, Piping, Valves	Monthly	6/17/05
Measure Blower Running Amperage	Monthly	
Inspect electrical fittings and tighten as needed	Monthly	
Gross particle filter-visually inspect	Monthly	
Gross particle filter-replace as necessary	As-Needed	
Check controller operation	Monthly	
Adjust controller program	As-Needed	
Check flow and pressure on assemblies (system and wells)	Monthly	
Take ozone readings at compound and well boxes	Monthly	
Check wellhead connections	Monthly	
Check/test all safety override systems	Monthly	
Sparge blower-repair as necessary	As-Needed	
Sparge blower-replace as necessary	As-Needed	

NOTES AND DESCRIPTION OF ACTIVITIES ON SITE

Initials Date
DCI 6/16/05 Purge water NEED's to be pick up. No more room for more purge water.
 Please have purge water pick up and leave bucket tie.

ATTACHMENT 3

**CERTIFIED LABORATORY ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTAION**

Second Quarter 2005 Quarterly Summary and

Remediation Status Report

Former 76 Station No. 1106

1693 Central Avenue

McKinleyville, California

SECOR Project No.: 77CP.60009.01.1106

SECOR-Sacramento

May 03, 2005

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Attn.: Kimber Collins
Project: Conoco Philips Site #1106
Site: 1693 Central Ave., McKinleyville, CA

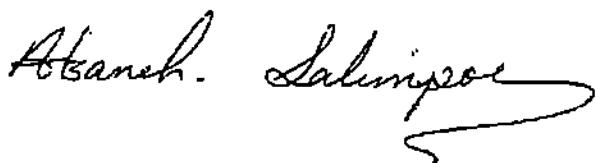
Attached is our report for your samples received on 04/19/2005 09:35
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
06/03/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Kimber Collins

3017 Kilgore Road, Suite 100

Rancho Cordova, CA 95670

Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site #1106

Received: 04/19/2005 09:35

Site: 1693 Central Ave., McKinleyville, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	04/17/2005 11:30	Water	1
MW-4	04/17/2005 11:05	Water	2

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Kimber Collins

3017 Kilgore Road, Suite 100

Rancho Cordova, CA 95670

Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site #1106

Received: 04/19/2005 09:35

Site: 1693 Central Ave., McKinleyville, CA

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW-2

Lab ID: 2005-04-0613 - 1

Sampled: 04/17/2005 11:30

Extracted: 4/28/2005 12:45

Matrix: Water

QC Batch#: 2005/04/28-1C.69

pH: <2

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	390	50	ug/L	1.00	04/28/2005 12:45	
Benzene	88	0.50	ug/L	1.00	04/28/2005 12:45	
Toluene	16	0.50	ug/L	1.00	04/28/2005 12:45	
Ethylbenzene	2.3	0.50	ug/L	1.00	04/28/2005 12:45	
Total xylenes	24	1.0	ug/L	1.00	04/28/2005 12:45	
Methyl tert-butyl ether (MTBE)	80	0.50	ug/L	1.00	04/28/2005 12:45	
Surrogate(s)						
1,2-Dichloroethane-d4	88.2	73-130	%	1.00	04/28/2005 12:45	
Toluene-d8	87.4	81-114	%	1.00	04/28/2005 12:45	

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Kimber Collins

3017 Kilgore Road, Suite 100

Rancho Cordova, CA 95670

Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site #1106

Received: 04/19/2005 09:35

Site: 1693 Central Ave., McKinleyville, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-4	Lab ID:	2005-04-0613 - 2
Sampled:	04/17/2005 11:05	Extracted:	4/28/2005 13:05
Matrix:	Water	QC Batch#:	2005/04/28-1C.69
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/28/2005 13:05	Q6
Benzene	ND	0.50	ug/L	1.00	04/28/2005 13:05	
Toluene	ND	0.50	ug/L	1.00	04/28/2005 13:05	
Ethylbenzene	ND	0.50	ug/L	1.00	04/28/2005 13:05	
Total xylenes	ND	1.0	ug/L	1.00	04/28/2005 13:05	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/28/2005 13:05	
Surrogate(s)						
1,2-Dichloroethane-d4	90.0	73-130	%	1.00	04/28/2005 13:05	
Toluene-d8	90.4	81-114	%	1.00	04/28/2005 13:05	